

## CLAIMS

- 1 1. A noise reducing headset comprising,  
2 a pair of earcups each having electrical elements and seated in a yoke assembly  
3 mechanically coupled by a headband enclosing a flat spring formed with a slot that runs  
4 the length of the spring accommodating electrical wires electrically interconnecting  
5 electrical elements in the earcups,  
6 each earcup having active noise reducing circuitry,  
7 each earcup including a loudspeaker driver located off center in the earcup to allow  
8 an internal cavity inside each earcup to accommodate the loudspeaker driver, a  
9 microphone and an electronic printed circuit board and one of a battery and plug  
10 assembly,  
11 one of said earcups accommodating a detachably secured plug assembly having a  
12 sensitivity switch covered by the earcup when the plug assembly is fully seated in the  
13 earcup,  
14 the other earcup having a battery door that may be opened to allow insertion and  
15 removal of the battery and covered by a yoke assembly when the headphones are worn by  
16 a user with the battery fully seated in the earcup.
- 1 2. A noise reducing headset in accordance with claim 1 and further comprising plastic  
2 covering said slot with the wires therein.
- 1 3. A noise reducing headset in accordance with claim 1 and further comprising a  
2 circumaural cushion attached to each earcup constructed and arranged to surround the  
3 ear of a user.
- 1 4. A headset comprising,  
2 a pair of earcups having electrical elements each seated in a yoke assembly  
3 mechanically coupled by a headband enclosing a flat spring formed with a slot that  
4 runs the length of the spring accommodating electrical wires electrically  
5 interconnecting electrical elements in the earcups.

- 1     5. A noise reducing headset comprising,  
2         a pair of earcups,  
3         each earcup including a loudspeaker driver located off center in the earcup to  
4         allow an internal cavity inside each earcup to accommodate said loudspeaker driver, a  
5         microphone and an electronic printed circuit board and one of a battery and plug  
6         assembly.
- 1     6. A noise reducing headset in accordance with claim 5 and further comprising,  
2         said microphone and said electronic printed circuit board inside said cavity.
- 1     7. A noise reducing headset having an earcup attached to a yoke assembly comprising,  
2         said earcup having a battery door that may be opened to allow insertion and  
3         removal of a battery and covered by said yoke assembly when the headset is worn by  
4         a user with the battery fully seated in the earcup.